OIPE JC99
MAR 0 5 2004
PATENT & TRADEMARK OFFICE

FIG. 1

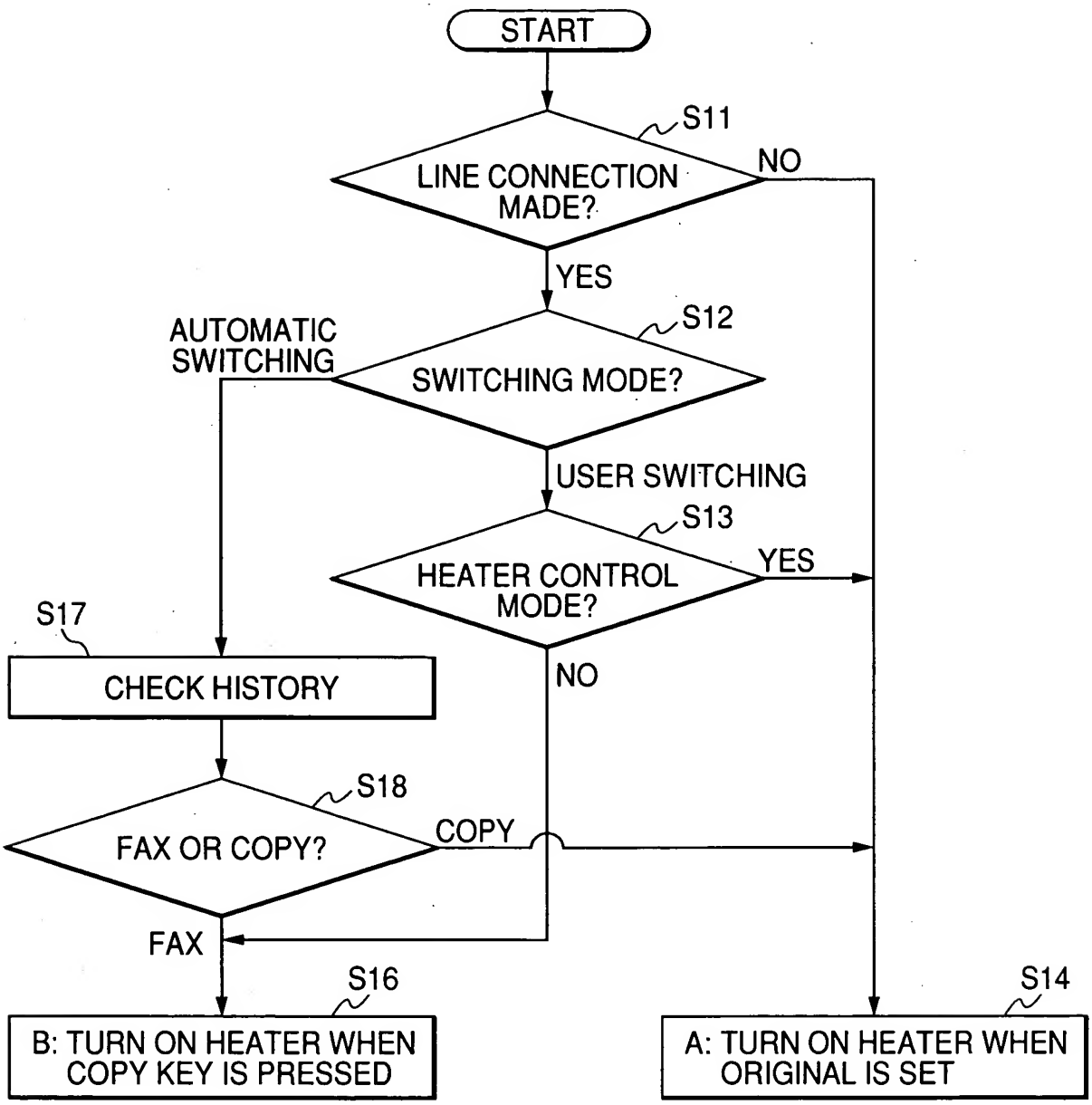

FIG. 2

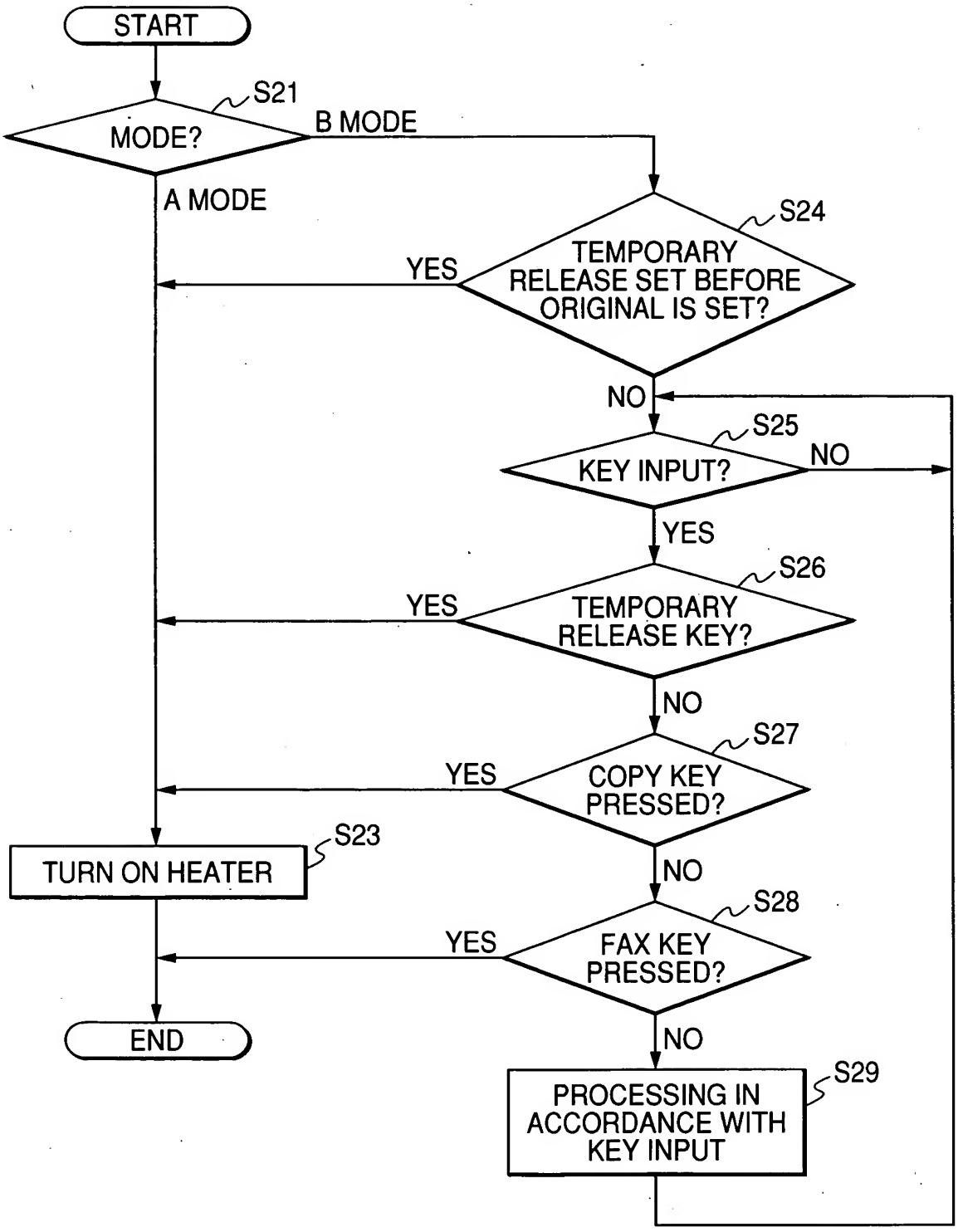
START
S21
MODE?
B MODE
A MODE
S24
TEMPORARY RELEASE SET BEFORE ORIGINAL IS SET?
YES
NO
S25
KEY INPUT?
NO
YES
S26
TEMPORARY RELEASE KEY?
YES
NO
S27
COPY KEY PRESSED?
YES
NO
S28
FAX KEY PRESSED?
YES
NO
S23
TURN ON HEATER
S29
PROCESSING IN ACCORDANCE WITH KEY INPUT
END

FIG. 3

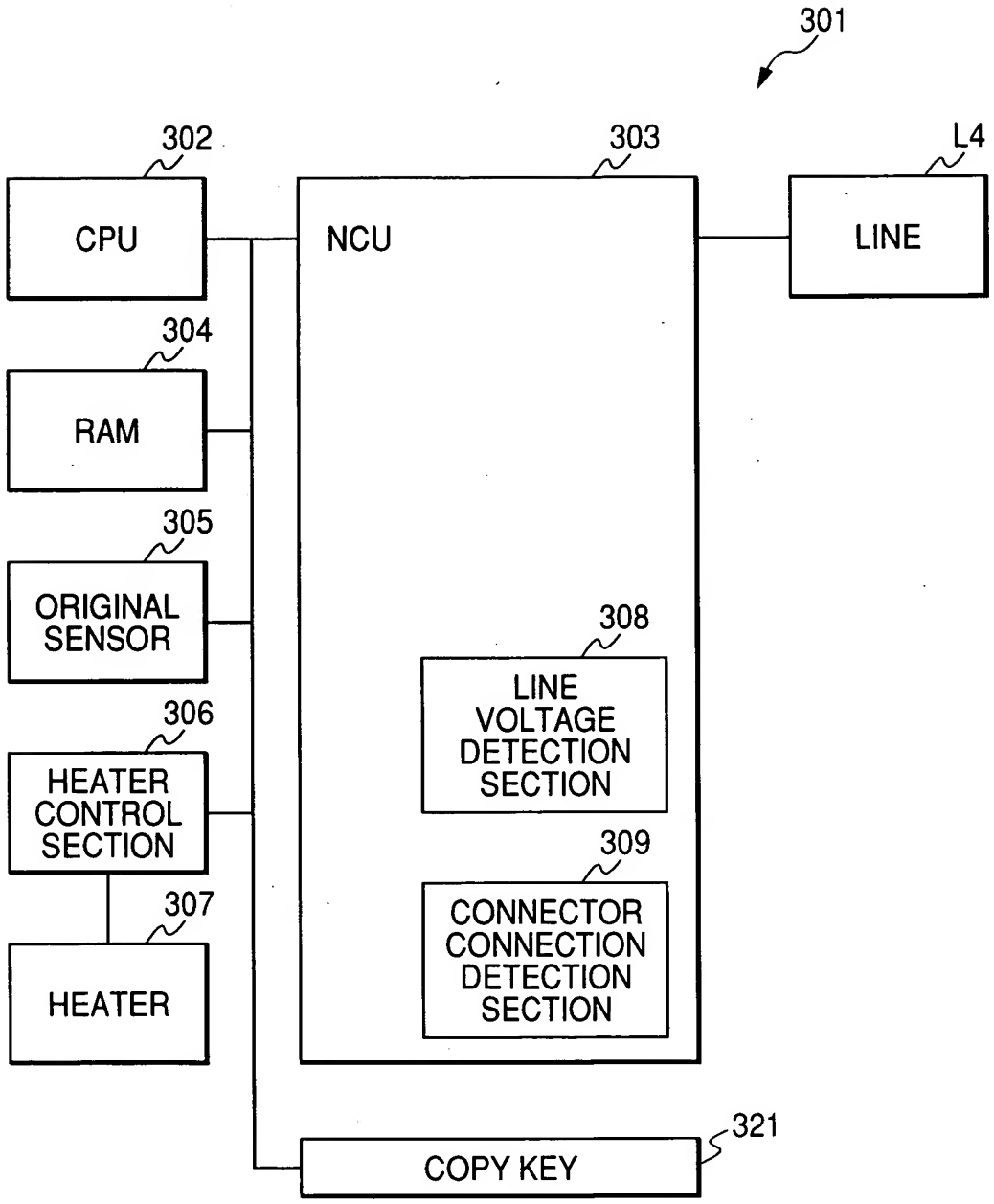
301
302
CPU
303
NCU
L4
LINE
304
RAM
305
ORIGINAL SENSOR
308
LINE VOLTAGE DETECTION SECTION
306
HEATER CONTROL SECTION
309
CONNECTOR CONNECTION DETECTION SECTION
307
HEATER
321
COPY KEY

FIG. 4

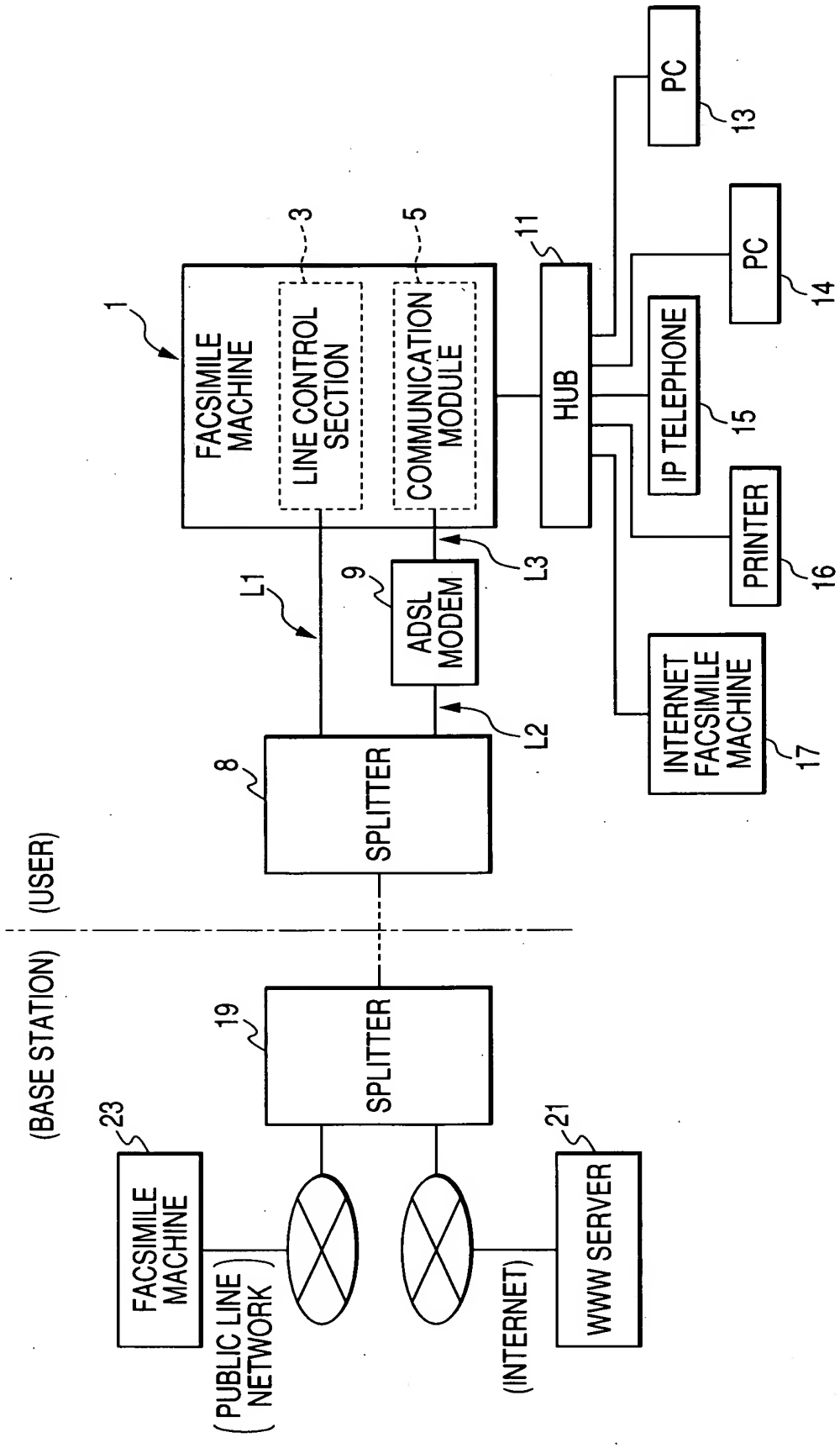
(BASE STATION)
(USER)
FACSIMILE MACHINE
(PUBLIC LINE NETWORK)
SPLITTER
SPLITTER
(INTERNET)
WWW SERVER
FACSIMILE MACHINE
LINE CONTROL SECTION
COMMUNICATION MODULE
ADSL MODEM
L1
L2
L3
HUB
PC
IP TELEPHONE
PC
PRINTER
INTERNET FACSIMILE MACHINE
1
3
5
8
9
11
13
14
15
16
17
19
21
23

FIG. 5

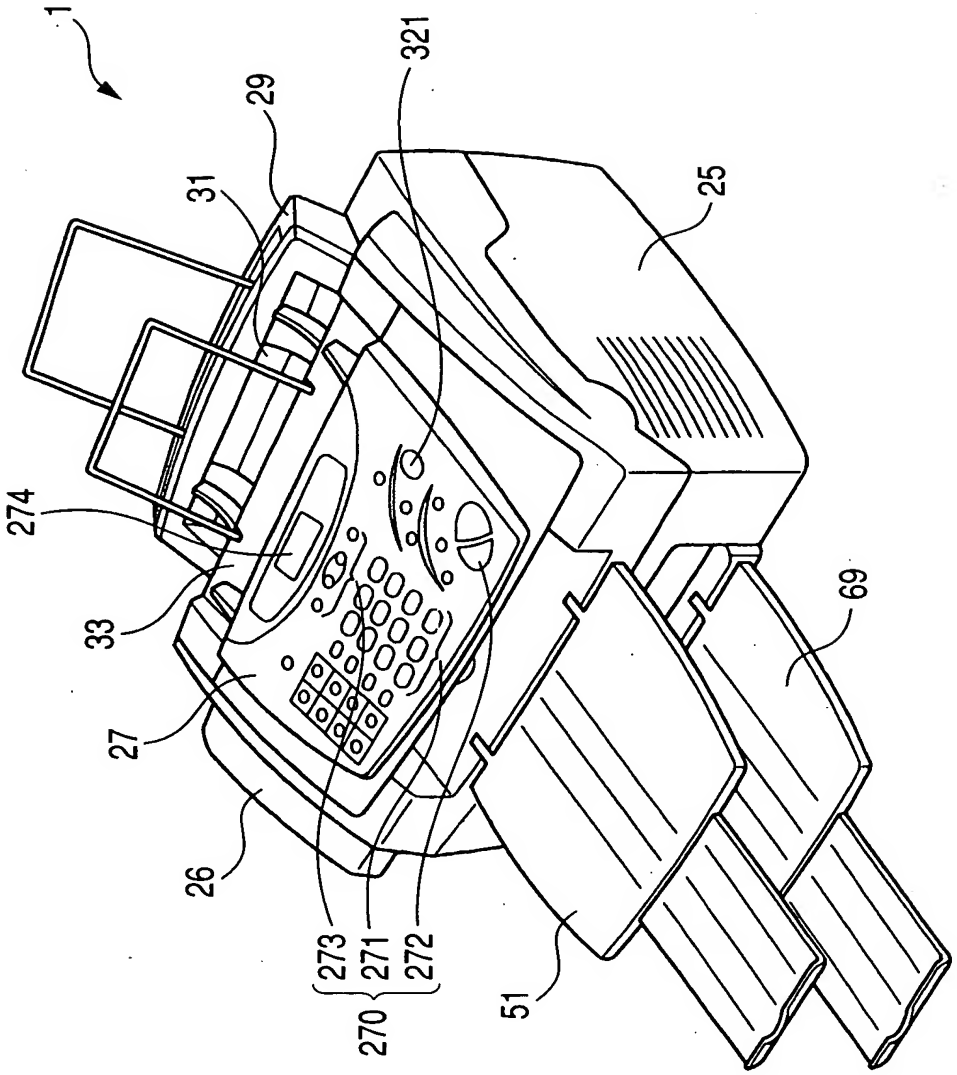

FIG. 6

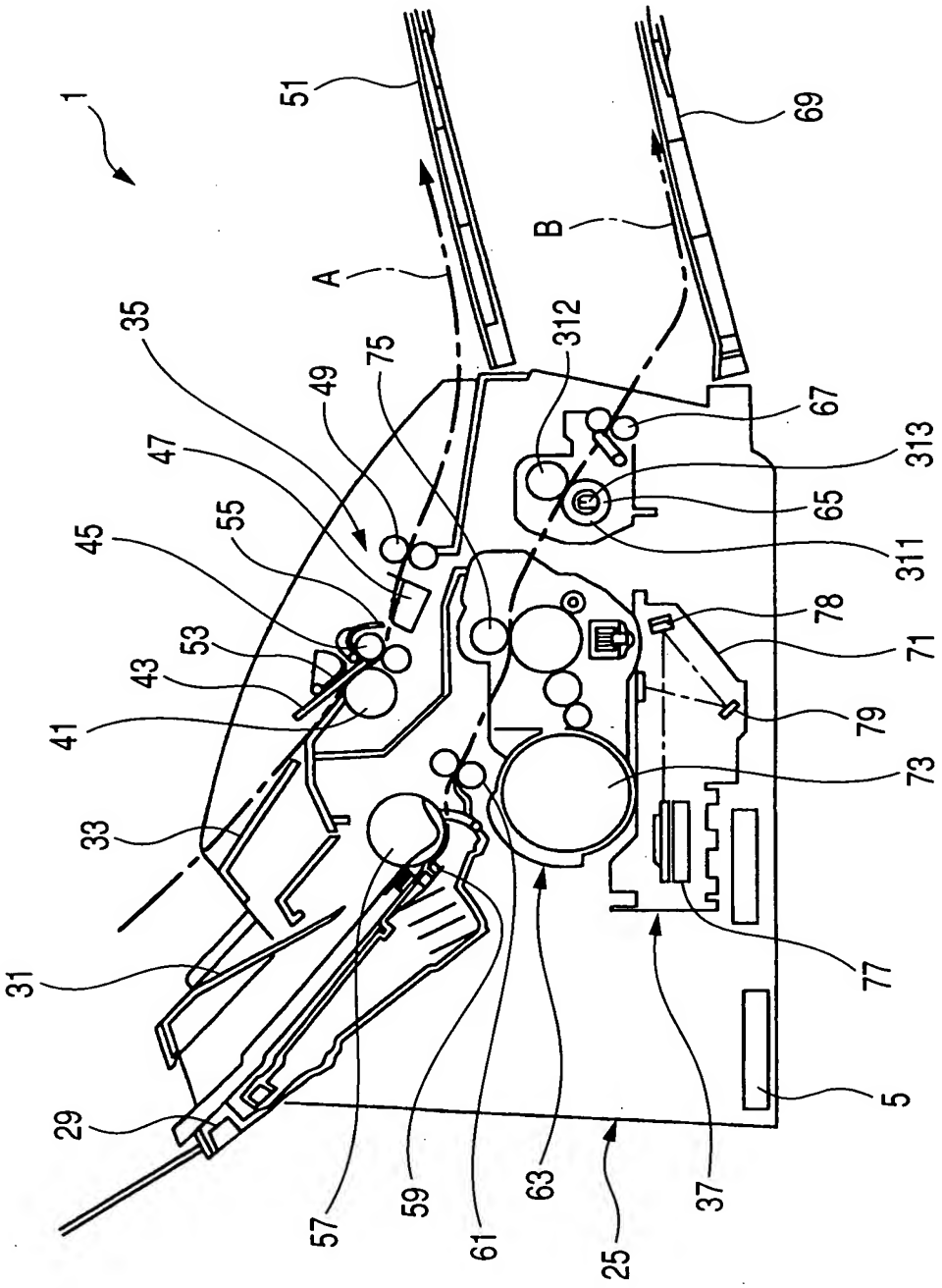
1
51
69
A
B
35
312
75
49
67
47
313
65
55
45
311
78
53
71
43
79
41
73
33
77
31
5
29
57
59
61
63
25
37

FIG. 7

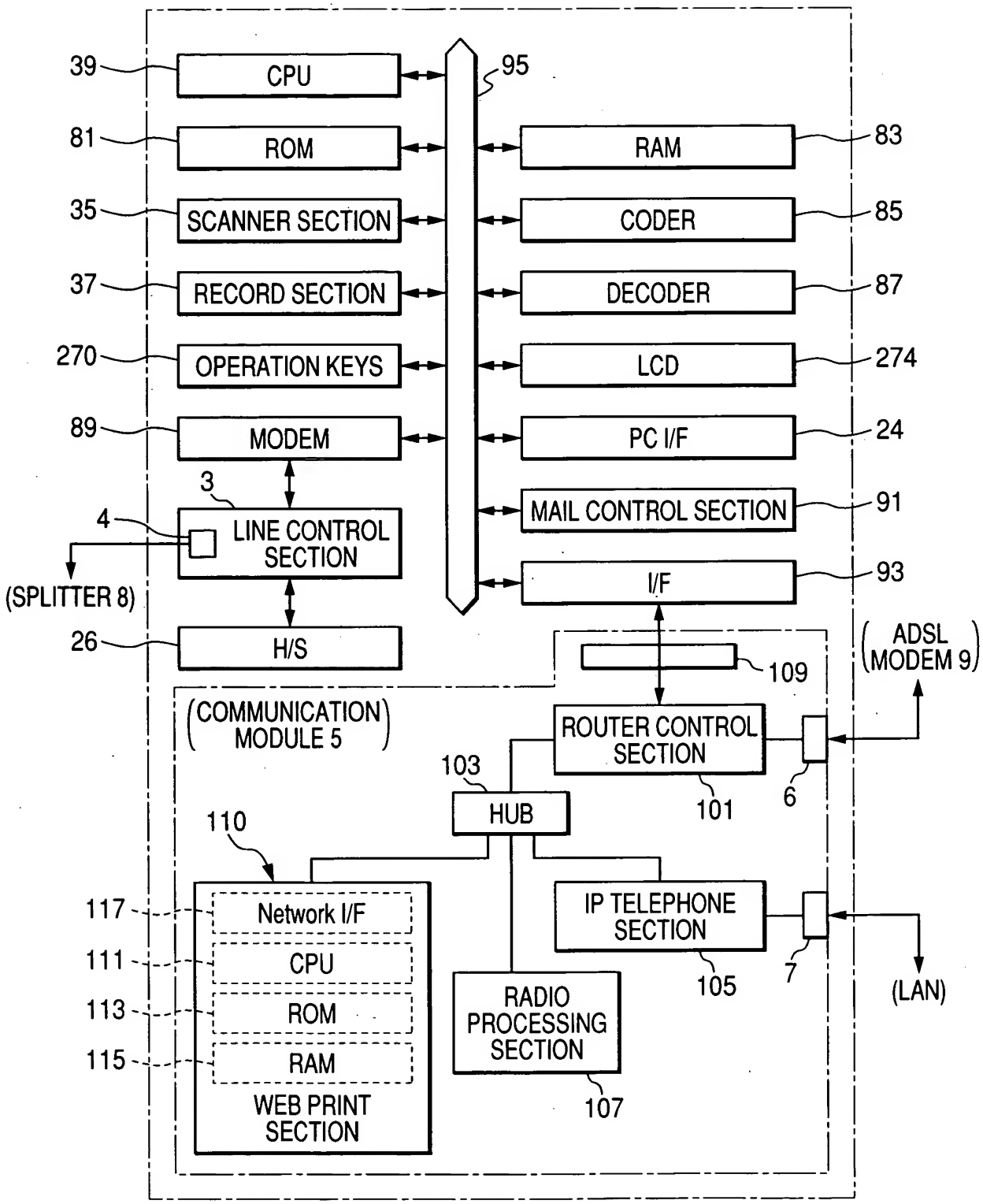
39
CPU
95
81
ROM
RAM
83
35
SCANNER SECTION
CODER
85
37
RECORD SECTION
DECODER
87
270
OPERATION KEYS
LCD
274
89
MODEM
PC I/F
24
3
4
LINE CONTROL SECTION
MAIL CONTROL SECTION
91
(SPLITTER 8)
I/F
93
26
H/S
109
(ADSL MODEM 9)
(COMMUNICATION MODULE 5)
ROUTER CONTROL SECTION
103
HUB
101
6
110
117
Network I/F
IP TELEPHONE SECTION
111
CPU
105
7
(LAN)
113
ROM
RADIO PROCESSING SECTION
115
RAM
107
WEB PRINT SECTION

FIG. 8A

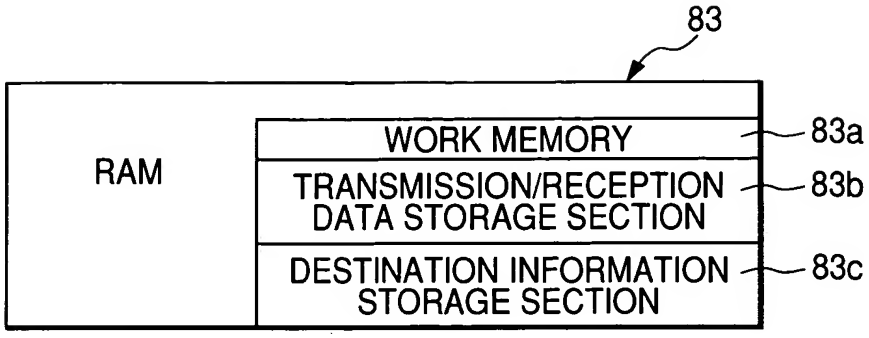

FIG. 8B

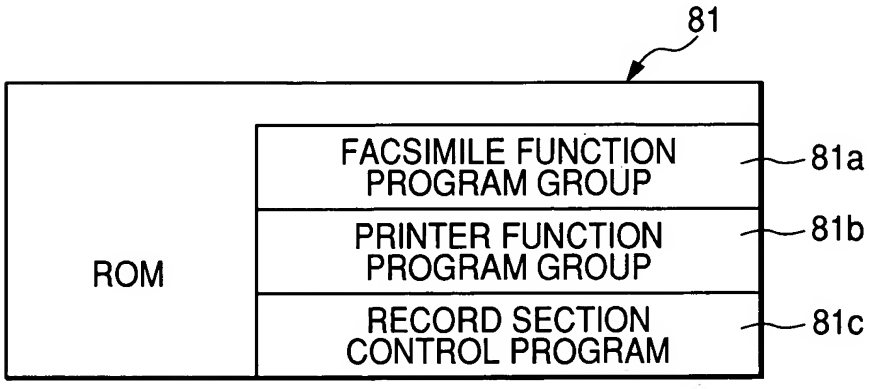

FIG. 8C

(DESTINATION INFORMATION STORAGE SECTION 83c)

DESTINATION 1	03-****-****
	aaa@***.co.jp
DESTINATION 2	06-****-****
	bbb@***.co.jp
DESTINATION 3	052-****-****
	ccc@***.co.jp
DESTINATION n	TELEPHONE NUMBER
	MAIL ADDRESS

FIG. 9A

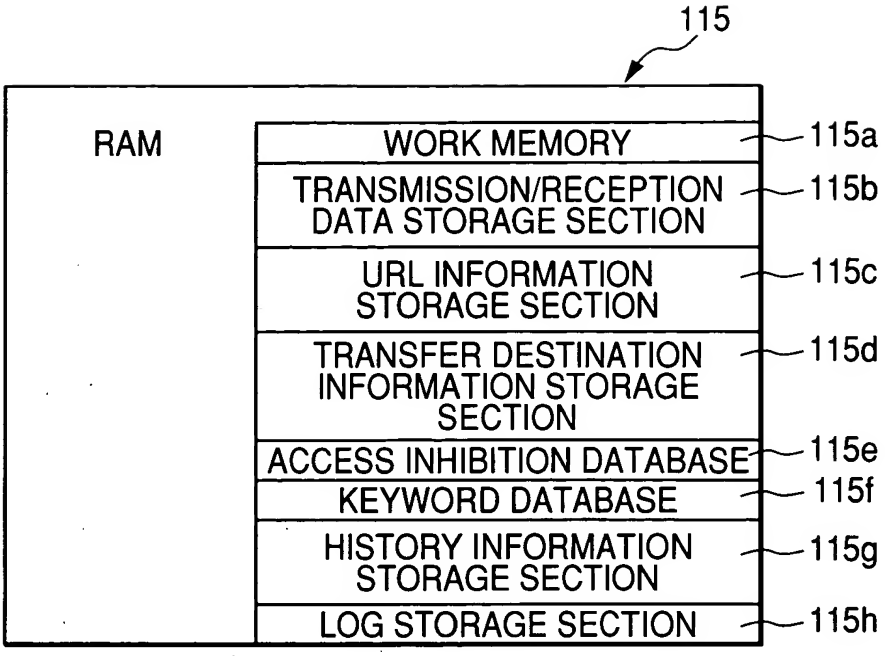

FIG. 9B

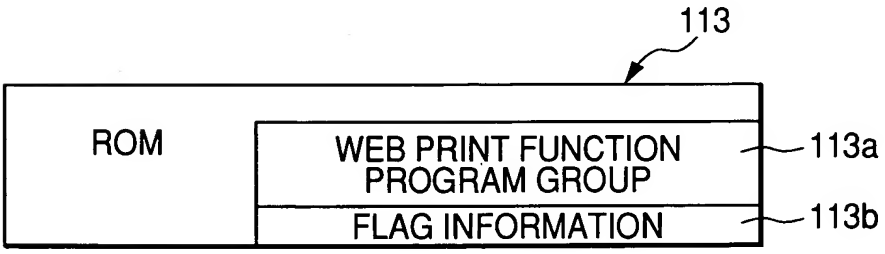

FIG. 9C

(URL INFORMATION STORAGE SECTION 115c)

URL	MEMO	EVERY MONTH (DATE)	EVERY WEEK (DAY OF WEEK)	EVERY DAY (TIME OF DAY)
http://www.**.co.jp/	** COMPANY	15	—	—
http://www.**.co.jp/subdir/	** SHOP	—	THURS	—
http://www.**.co.jp/abc.htm	** NEWSPAPER	—	—	10:00
http://www.**.go.jp/	** MINISTRY	—	—	—
http://www.**com/top.html	****	—	—	—

SCHEDULER SETUP DATA

FIG. 10

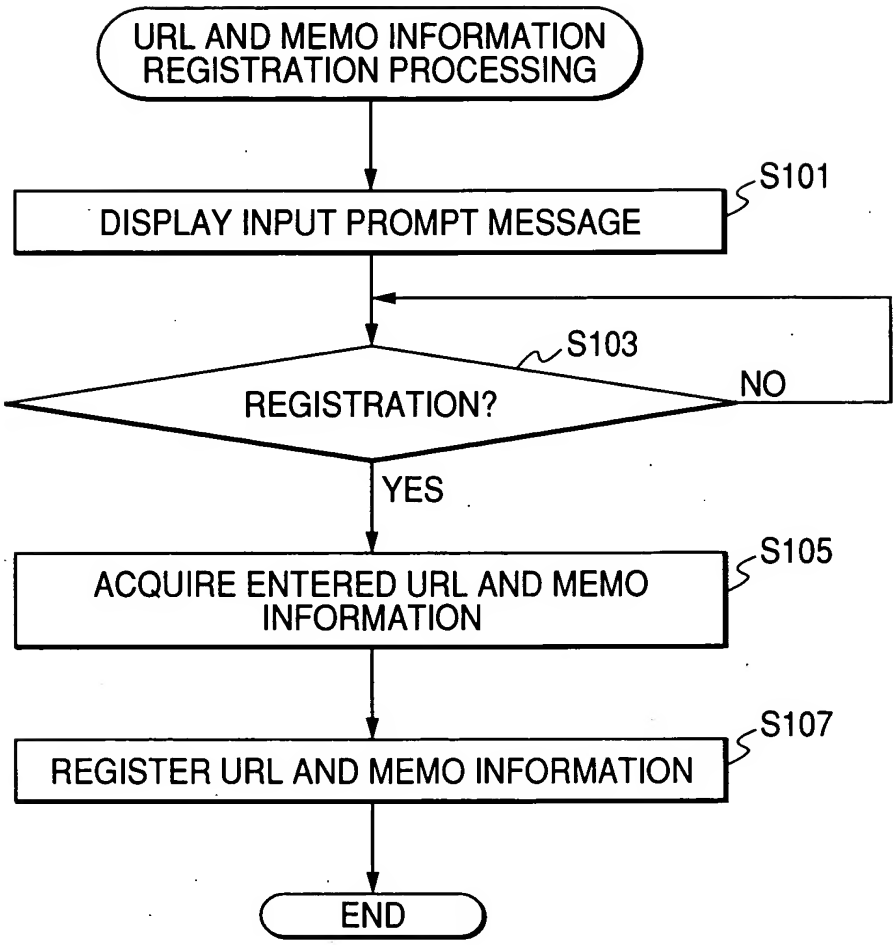
URL AND MEMO INFORMATION REGISTRATION PROCESSING
S101
DISPLAY INPUT PROMPT MESSAGE
S103
REGISTRATION?
NO
YES
S105
ACQUIRE ENTERED URL AND MEMO INFORMATION
S107
REGISTER URL AND MEMO INFORMATION
END

FIG. 11

(FLAG INFORMATION 113b)

FUNCTION / OPERATION MODE	PRINT	SAVE	PRINTER TRANSFER	PC TRANSFER	SINGLE-COLOR PRINT	SILENT PRINT	LOG SAVE	ERROR DISPLAY
NORMAL	1	0	0	0	0	0	1	0
URL ACCESS DISABLE	0	0	0	0	0	*	1	*
PRINT CANCEL	0	0	0	0	0	*	1	*
PASSWORD ERROR	0	1	0	0	0	*	1	*
KEYWORD ERROR	0	0	0	1	0	*	1	*
DETECTION OF SAME CONTENT	0	0	0	1	0	*	1	*
NIGHTTIME PRINT	*	*	*	0	*	1	*	*
ANSWERING	0	*	*	1	*	0	*	*
LARGE-AMOUNT MONOCHROME PRINT	0	*	1	*	0	0	1	0
NO PAPER	0	*	*	*	*	*	1	1
NO TONER	0	*	*	*	*	*	1	2

(1 OR MORE: ON, 0: OFF)

(SINGLE-COLOR PRINT 1: BLACK, 2: CYAN, 4: MAGENTA)